

19970608.ba ba-por01.481 ba-por01.482  
>1481  
>From owner-boatanchors@sco.theporch.com Sat Jun 7 00:02 CDT 1997  
>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])  
> by uro.theporch.com (8.8.6.Beta4/A-UX-3.0.1) with ESMTP id AAA10073  
> for <SHIMSHON@URO.THEPORCH.COM>; Sat, 7 Jun 1997 00:02:48 -0500 (CDT)  
>Received: from sco.theporch.com (localhost [127.0.0.1])  
> by sco.theporch.com (8.8.6.Beta4/SCO-5.0.2) with SMTP id FAA28785;  
> Sat, 7 Jun 1997 05:02:19 GMT  
>Message-Id: <199706070502.FAA28785@sco.theporch.com>  
>Date: Sat, 7 Jun 1997 00:02:19 CDT  
>Sender: owner-boatanchors@theporch.com  
>From: boatanchors@theporch.com  
>To: Amateur Radio Equipment Using Vacuum Tubes <boatanchors@sco.theporch.com>  
>Subject: BOATANCHORS digest 1481  
>Mime-Version: 1.0  
>Content-Type: multipart/mixed; boundary="--  
\_\_ListProc\_\_NextPart\_\_865659550432829775"  
>X-Listprocessor-Version: 8.1 -- ListProcessor(tm) by CREN  
>Status: 0

#### BOATANCHORS Digest 1481

Topics covered in this issue include:

- 1) Re: Heathkit C-3 Story  
by Ken Gordon <keng@uidaho.edu>
- 2) Re: R-1/ARR-1 vs ZB  
by William Donzelli <william@ans.net>
- 3) I've fallen in love...  
by Jeffrey Herman <jeffreyh@hawaii.edu>
- 4) Halli SX-101 Mark II  
by provero@connix.com
- 5) EICO 666 Dynamic Conductance Tube & Transistor Checker  
by provero@connix.com
- 6) working at Hammarlund  
by steven@ix.netcom.com (Steve M Fried)
- 7) 866A Solid State Replacement??  
by Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>
- 8) Re: R-1/ARR-1 vs ZB  
by William Donzelli <william@ans.net>
- 9) Any Ba'ers 6 meter beacons?  
by stever@cybercomm.net (Stephan Rashkin)

---

Date: Fri, 6 Jun 1997 17:40:20 -0700 (PDT)  
From: Ken Gordon <keng@uidaho.edu>

To: "Lawrence D. Wolken" <rhys@ix.netcom.com>  
Cc: boatanchors@theporch.com  
Subject: Re: Heathkit C-3 Story  
Message-ID: <Pine.BSF.3.95.970606173951.17477C-100000@piobaire.mines.uidaho.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

This sounds like an instrument I need. Anyone have one available ?

Ken W7EKB

-----  
Date: Fri, 6 Jun 1997 21:11:20 -0400 (EDT)  
From: William Donzelli <william@ans.net>  
To: Boatanchors <boatanchors@sco.theporch.com>  
Subject: Re: R-1/ARR-1 vs ZB  
Message-ID: <199706070111.AA11569@interlock.ans.net>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Don Merz was asking what differences there were between these sets. ZB  
> (and the ZA which preceded it, and the ZBX which was also around) is  
> the \*Navy\* nomenclature. R-1/ARR-1 was the joint Army-Navy  
> nomenclature. As far as I know, these were all essentially the same  
> device. They were UHF front-ends whose output fed a broadcast-band  
> receiver (either Navy Model ARB or BC-946 or the ARA equivalent of the  
> BC-946, etc.). All of this was superseded by the AN/ARR-2, which was a  
> complete system (no need for BCB rx).

> I suspect young Bill Donzelli or  
> Mike Hanz could furnish additional details if desired...

You know I will not be able to keep my mouth shut about this system...

Anyway, I would like to add that R-1/ARR-1s are simply the last bunches of the little homing adapters to be made. Most R-1s are Signal Corps, but a few were made on the big Navy contract (the number escapes me, somewhere around NOs 83000) for the sets. I suppose the Navy decided they had purchased enough by the time the Signal Corps decided to adopt the set. As far as I know, the Signal Corps used borrowed beacons from the Navy - I have yet to find nomenclature for a true Signal Corps beacon (it may be an obscure RC-type).

Also, while every R-1 I have seen has had the deceptive front panel, only some of the ZBs got the treatment.

William Donzelli  
william@ans.net

-----  
Date: Fri, 6 Jun 1997 15:58:21 -1000  
From: Jeffrey Herman <jeffreyh@hawaii.edu>  
To: Boatanchors List <boatanchors@sco.theporch.com>  
Subject: I've fallen in love...  
Message-ID: <Pine.GS0.3.95q.970606154521.24762C-100000@uhunix3>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

... with the AMECO TX-86.

I was drooling over the ads in the back of my '61 Handbook, and when I saw the TX-86 it was love at first sight. What a sweet little rowboat anchor (5x5x7 inches). Powered by a 6146. I've gotta have one.

73 from Hawaii,  
Jeff KH2PZ / KH7 (that's our new prefix, which is strange since Kure Island {which was exclusively KH7} has always been one of the Hawaiian islands; politically, Kure was always part of the City & County of Honolulu. How many other states fell in two seperate call districts?) (KH6 = district 13, while KH7 = district 14.)

(More than you probably wanted to know...)

-----  
Date: Fri, 06 Jun 97 21:47:35 -0400  
From: provero@connix.com  
To: boatanchors@theporch.com  
Subject: Halli SX-101 Mark II  
Message-ID: <199706070203.WAA28614@comet.connix.com>

Or, stop me before I trade again.....

A working SX-101, SN 175209, stamped "MARK 2" on the chassis, has found its way into the shop. Has 160 meters.

Electrically it seems in pretty good condition. It's obvious a few people have worked on it -- the 100 KC crystal is not the original plug in style, but a more modern one hanging out of the socket on a couple of wires. The manual is for SX-101 Mark I, but has several mods pencilled in on the schematic.

Sounds very nice on SSB, CW and AM. Alignment needs a little touch up, but is pretty close. I'm just dying to do another 50 KHz IF alignment, it's been 25 years or so since I did my old SX-117 (long since traded away).

Physical appearance is "OK" to good. All the knobs are there, but there are numerous small scratches on the cabinet and around the edges of the front panel.

My wife is a little torqued at me for trading an old Zenith console (that \*she\* found) for it; keeps muttering something about if one more radio comes in the house.....

But as is my custom, after a little cleanup and alignment, this will head out the door in trade for a general coverage BA. The way I figure it, if one radio is leaving and another arriving, it's not "one more radio".

Too many projects, not enough time.....

P.J. "Josh" Rovero	home:	provero@connix.com
Meteorologist	radio:	KK1D
Oceanographer	work:	rovero@sonalysts.com
Curmudgeon-at-Large	web:	<a href="http://www.connix.com/~provero/">http://www.connix.com/~provero/</a>

-----  
Date: Fri, 06 Jun 97 22:05:36 -0400  
From: provero@connix.com  
To: boatanchors@theporch.com  
Subject: EICO 666 Dynamic Conductance Tube & Transistor Checker  
Message-ID: <199706070211.WAA29265@comet.connix.com>

I work at a pretty neat place, doing work totally unrelated to radio electronics. But word gets around. There are many hams and other, uh, interesting characters.

One of them brought me several hundred tubes and an EICO 666 tester. The tester has a problem, which is probably power supply related; I plan to dig into it in my so-called spare time.

Any hints on normal things that go wrong with these units?

P.J. "Josh" Rovero           home:   provero@connix.com  
Meteorologist           radio:   KK1D  
Oceanographer           work:   rovero@sonalysts.com  
Curmudgeon-at-Large    web:   http://www.connix.com/~provero/

-----  
Date: Fri, 6 Jun 1997 21:19:49 -0500 (CDT)  
From: steven@ix.netcom.com (Steve M Fried)  
To: boatanchors@theporch.com  
Subject: working at Hammarlund  
Message-ID: <199706070219.VAA00172@dfw-ix5.ix.netcom.com>

Dear BoatAnchor fans:

Just a few thoughts about working for Hammarlund.

I responded to an Ad in the New York Times for Technical Sales Correspondent wanted. The pay was \$80 per week which was better than the \$60 a week for six days I was presently getting. The Hammarlund job was just 5 days a week! A regular white collar job.

I spit shined my shoes and put on the best suit I had ( I probably had two suits). Went for my interview. At 18 years old I had my General Class License and I was a member of the Bronx Radio Club.

The gentlemen that interviewed me was Frank I. Lester, W2AMJ. (only later did I find out he was a legend in the VHF crowd and well known all over the east coast and more)  
To this day, I remember Frank looking down at my shoes. I thought to myself I got the job. My shoes sparkled and I was very trim and neatly dressed. I didn't know it at the time, but Frank Lester was a member of the Bronx Radio Club before I was born. I knew the people he knew! (Except they were old enough to be my Grandfathers) In those days many of the who's who in radio belonged to the Bronx Radio Club (which started back in the spark days).

My job at Hammarlund was to handle all the incoming calls for technical questions, complaints (of which there were very very little), parts requests, and the odds and ends of handling Hams calling into the company directly. It sure was a full time job. But it freed up my boss to attend to the more "business" dealings with distributors, the ARRL, etc.

In the one building in Manhattan, on the 10th floor, was the sales

and engineering group. Jack Sheider was the Chief Engineer for all the receivers. At that time the HQ-180 types were being made and improved. I went home with several engineering prototypes that looked ugly and worked absolutely fantastic.

The biggest disaster for Hammarlund was the SSB transmitter, the HX50. This almost put Hammarlund out of business. They just didnt work. Hammarlund had more orders for them than they could ever deliver. Sales were booming. Everything they shipped on the HX50 didnt really work well. I took an HX50 home one night to learn about the rig and test it out for engineering. They figured if an 18yr old could get it working that they pretty well had the bugs taken out. Well I set it up on CW. Guess what... they never even tried the thing on CW. This rig had the biggest whoop on cw (back wave) that I ever heard. The engineers in NYC could get the rig to work. Production in Mars Hill, N.C. couldn't duplicate it. I think this one fiasco drained Hammarlund like nothing else did.

I was there when the first Hammarlund CB rig came out, the CB23. That seemed to work pretty well. You remember that 11 meters was a Ham band before CB came out.

I can remember a fellow making a presentation of an all solid state receiver (he was from another company). He wanted Hammarlund to produce it for him. It looked so small and like a few pounds of nothing. Well Hammarlund turned it down. Later I found out it was the prototype of the Drake DR1.

This same kind of thing happened at Collins Radio. Apparently, Dr. Inoue made a presentation to Art Collins of his all transistor receiver or receiver/transmitter. Dr. Inoue was turned town. Now it's know is Icom! (Inoue Communications).

Well next time maybe another Hammarlund story and then please let me share with you my employment at Polytronics in New Jersey!

73

Steve K2PTS  
Schaumburg, Illinois

PS Im still looking for a good working HQ120X if you have one to sell, Im a buyer!!

-----

Date: Fri, 6 Jun 1997 23:16:22 -0400

From: Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>  
To: boatanchors@theporch.com  
Subject: 866A Solid State Replacement??  
Message-ID: <v03007813afbe821bf250@[134.53.65.12]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

I've got a couple of 866A solid state replacement modules that I'd like to find the specifications for. They are black epoxy-encapsulated tubes that plug into a 4-pin 866A socket, with a "plate cap" on one end. They are physically about the same height as an 866A. They are each marked with the numbers ED 9840 and EDI 8110. Checking them out on a bench supply, they begin to conduct at about 60VDC. Anybody know their electrical specifications (PIV rating, max current, voltage drop, etc.) I'm wondering if they're also replacements for 872Bs? Thanks.

Jim Garland W8ZR

-----  
Date: Fri, 6 Jun 1997 23:52:20 -0400 (EDT)  
From: William Donzelli <william@ans.net>  
To: Boatanchors <boatanchors@sco.theporch.com>  
Subject: Re: R-1/ARR-1 vs ZB  
Message-ID: <199706070352.AA15812@interlock.ans.net>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

> You know I will not be able to keep my mouth shut about this system..

Still babbling...

I am pretty sure there ARE differences, now that I have tried to get some sleep. The cover to the R-1/ARR-1 will not fit some or all ZBs - I believe the fasteners changed from or to a Dzus type.

My collection is still in Chicago, so I can not confirm this.

William Donzelli  
william@ans.net

-----  
Date: Sat, 7 Jun 1997 00:20:30 -0400

From: stever@cybercomm.net (Stephan Rashkin)  
To: boatanchors@theporch.com  
Subject: Any Ba'ers 6 meter beacons?  
Message-ID: <199706070420.AAA11618@raven.cybercomm.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi ..

I'm setting up for 6 meters here along the New Jersey shore  
and wondering if there are any 6 meter beacons that are  
particularly monitored by the group for 50.4 activity?

73,  
Steve, WA2NHZ

\*\*\*\*\*

Steve Rashkin, WA2NHZ  
Howell, New Jersey 07731

E-mail: stever@cybercomm.net

\*\*\*\*\*

-----  
End of BOATANCHORS Digest 1481

\*\*\*\*\*

>1482  
>From owner-boatanchors@sco.theporch.com Sat Jun 7 18:39 CDT 1997  
>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])  
> by uro.theporch.com (8.8.6.Beta4/A-UX-3.0.1) with ESMTP id SAA14123  
> for <SHIMSHON@URO.THEPORCH.COM>; Sat, 7 Jun 1997 18:39:18 -0500 (CDT)  
>Received: from sco.theporch.com (localhost [127.0.0.1])  
> by sco.theporch.com (8.8.6.Beta5/SC0-5.0.2) with SMTP id XAA12220;  
> Sat, 7 Jun 1997 23:37:20 GMT  
>Message-Id: <199706072337.XAA12220@sco.theporch.com>  
>Date: Sat, 7 Jun 1997 18:37:20 CDT  
>Sender: owner-boatanchors@theporch.com  
>From: boatanchors@theporch.com  
>To: Amateur Radio Equipment Using Vacuum Tubes <boatanchors@sco.theporch.com>  
>Subject: BOATANCHORS digest 1482  
>Mime-Version: 1.0  
>Content-Type: multipart/mixed; boundary="--  
\_\_ListProc\_\_NextPart\_\_865726628432863314"



>X-Listprocessor-Version: 8.1 -- ListProcessor(tm) by CREN  
>Status: 0

## BOATANCHORS Digest 1482

Topics covered in this issue include:

- 1) 260 Series Numbers?  
by "Dick Dillman" <ddillman@igc.apc.org>
- 2) Re: RCA Radiola 17  
by Tom Laszynski <k8jrm@ionet.net>
- 3) SX-111 Help  
by ARONGV@aol.com
- 4) FS: SX-117/HT-44  
by ARONGV@aol.com
- 5) Re: R-1/ARR-1 vs ZB  
by Ho4bart@aol.com
- 6) Re: R-1/ARR-1 vs ZB  
by Michael Hanz <AAFRadio@erols.com>
- 7) Building 432 mhz amp.  
by n5dc@juno.com (Granville "Jim" B. Lane II)
- 8) Wheaton StCharles six meter club Hamfest  
by steven@ix.netcom.com (Steve M Fried)
- 9) Info request-Transmitter by KLETT MFG. CO.  
by "John H. Dilks III" <oldradio@worldnet.att.net>
- 10) New Anchorologist en route  
by Bill Meara <wmeara@erols.com>
- 11) The Humble Jack and Plug  
by "Roberta J. Barmore" <rbarmore@indy.net>
- 12) Re: 2B6 and 3RP1A's wanted  
by Ken Gordon <keng@uidaho.edu>
- 13) WTB:Johnson Invader 2000  
by Dennis Gehrke <leeid@ix.netcom.com>
- 14) FS: TM 11-487H-1/T.O. 33A1-1-13  
by "Joseph W. Pinner" <kc5ij@net-connect.net>
- 15) ADMINISTRIVIA: Using The Archives  
by listown@jackatak.theporch.com (Mail List Owner)
- 16) Hamfest  
by Surplus Al <surplsal@tl.infi.net>
- 17) Racal RA-17 Triage  
by Al Klase <skywaves@bw.webex.net>
- 18) FS: HQ100A  
by Randy Cook <crcook@worldnet.att.net>
- 19) Re: Racal RA-17 Triage  
by Sandy W5TVW <ebjr@worldnet.att.net>
- 20) FS Heathkit Shawnee 6 meter AM Tranceiver  
by Allen Tucholski <allent@en.com>
- 21) Help! Tek 547 scope problem.

- by Allen Tucholski <allent@en.com>  
22) Wanted: Collins ( 2 & 6 kc) filters for 75A4  
by w8xq@juno.com (JEFF D WILDER)  
23) Hamcom  
by Ronnie Hull <w5sum@ms1.nwla.com>  
24) Re: R-1/ARR-1 vs ZB  
by David Prince <davprin@gil.com.au>  
25) Alington TX HamCom report  
by bdhall@ghg.net (Benjamin D. Hall)  
26) Simpson 260 series  
by Mike Sanders <k0az@i1.net>

-----  
Date: Fri, 6 Jun 97 20:46:51 PST  
From: "Dick Dillman" <ddillman@igc.apc.org>  
To: boatanchors@theporch.com  
Subject: 260 Series Numbers?  
Message-ID: <84789.ddillman@igc.apc.org>

This fleamarket stuff is becoming an obsession. I'm not talking about the radio swapmeets. Those are a given. One simply must attend. No, I'm talking about the non-radio fleamarkets where you find everything from socks in plastic bags to the contents of someone's basement. Things of interest to the BA enthusiast are typically in short supply but when they \*do\* show up they are usually at rock-bottom prices since they have no particular aura for the seller.

Case in point: a Simpson model 260 Series 5 VOM for \$5 last weekend. This little darlin' cleaned up beautifully and is sitting next to me now, quite contented (and probably relieved).

My questions are these:

What about this "series" business as applied to 260s? I've had one with no series designation and I have a Series 8 (in roll top case!) at work. I've always thought these were designations of various modifications through the years. Am I right? Does anyone know the meaning of each series and their dates?

Does Simpson still sell parts for 260s? One of the internal battery clips for the AA cells is broken on this one and I'd like to get a set of stock probes. Any guidance on this?

Thanks,

Dick

Dick Dillman  
WPE2VT W6AWO  
<ddillman@igc.apc.org>  
Collector of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

-----  
Date: Sat, 7 Jun 1997 01:13:43 -0500 (CDT)  
From: Tom Laszynski <k8jrm@ionet.net>  
To: boatanchors@theporch.com  
Cc: k7sz@juno.com  
Subject: Re: RCA Radiola 17  
Message-ID: <1.5.4.16.19970607010904.2bbf0100@ionet.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

The Collector's Guide to Antique Radios by Marty & Sue Bunis listed the 1927 vintage Radiola 17 value as \$75 to \$85.

Tom Laszynski, K8JRM  
Oklahoma City  
k8jrm@ionet.net

-----  
Date: Sat, 7 Jun 1997 02:19:06 -0400 (EDT)  
From: ARONGV@aol.com  
To: boatanchors@theporch.com  
Subject: SX-111 Help  
Message-ID: <970607021905\_-2067064513@emout01.mail.aol.com>

Hi Gang:

Thanks for the many messages about how to restore the fron plate glass for the SX-111. unfortunately, most assume that I have a bad one to work from. Well, I don't. this receiver was left on my doorstep with NO GLASS.

So, from the advice I got on silk screening, etc., I still need a glass to work from, so i guess my search for an SX-111 that restorable or a parts unit are still alive.

Thanks for all the input.

73's ron W00IZ

-----  
Date: Sat, 7 Jun 1997 02:25:57 -0400 (EDT)  
From: ARONGV@aol.com  
To: boatanchors@theporch.com  
Subject: FS: SX-117/HT-44  
Message-ID: <970607022553\_-295616319@emout05.mail.aol.com>

Hi Gang:

I have a nice SX-117/HT44 combination with manuals. Prefer not to split them up, but I would for \$175 for the SX-117 and \$150 for the HT-44 and split shipping.

Asking \$275 for the combo plus will split shipping

Ron W00IZ Kansas City

-----  
Date: Sat, 7 Jun 1997 03:27:58 -0400 (EDT)  
From: Ho4bart@aol.com  
To: rmote@rain.org, boatanchors@sco.theporch.com  
Subject: Re: R-1/ARR-1 vs ZB  
Message-ID: <970607032757\_-1027668807@emout09.mail.aol.com>

In a message dated 97-06-06 14:27:56 EDT,  
rmote@rain.org (Ray L. Mote) writes:

<< They were UHF front-ends whose output fed a  
broadcast-band receiver (either Navy Model ARB  
or BC-946 or the ARA equivalent of the BC-946, etc.). >>

and apparently, in some installations this UHF  
converter was used into a RU or BC-229 receiver .  
hue miller

-----  
Date: Sat, 07 Jun 1997 07:34:59 -0700  
From: Michael Hanz <AAFRadio@erols.com>  
To: boatanchors@sco.theporch.com  
Cc: rmote@rain.org

Subject: Re: R-1/ARR-1 vs ZB  
Message-ID: <33997193.47E7@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ray Mote sort of wrote:

> I suspect young Bill Donzelli or \*old\* Mike Hanz could furnish additional  
> details if desired...

Thanks a whole heck of a lot, Ray! :-)) Just for that I'm not gonna write about the original sets...I'm more interested in what you can use them for now. If you're like me, you probably have a couple of these sets which have been cannibalized by previous owners. Since they don't have much current usefulness, they're not worth restoring in most cases, even if you could find the parts.

One of the more difficult things about using this WWII military stuff on the ham bands is a lack of selectivity. Anyone who wants to do anything about that should have a copy of the Radio Society of Great Britain 5th Edition Radio Handbook. Mentioned in Walt Hutchins' article on his R8040 receiver in Electric Radio, the Handbook (and Walt) talks about the virtues of a passive preselector, using high Q toroids. Turns out, ZB and ARR-1 hulks make just perfect enclosures for these outboard "helpers." They're already divided into compartments necessary to provide isolation, and the only challenge is to mount and link a couple of small tuning capacitors together and to the front dial.

The RSGB Handbook has several different designs, including one with a (gasp) FET (ungasp) low gain RF stage to help the noise situation. Just right for the ARB and RU (since it clips right on to these sets), I also have one I'm starting to put together for my RATs, hanging from the shelf above them on its original shock mount. Since I don't like to go overboard in drilling holes in original equipment, the only difference you see from the stock unit is the addition of a command receiver antenna post in one corner of the front panel to link the preselector the the two RAT antenna posts, and a switch disguised as the antenna trimmer to change bands. If I get time over the summer I'll try to write an ER article on the mechanical trials and tribulations, but it's not really that hard. Would rather see stripped hulks go to some use than thrown away.

Nota bene I will \*not\* do that to my NIB ZB-3!!!

--

73,  
Mike Hanz, KC4TOS  
Herndon, VA  
AAFRadio@erols.com

-----  
Date: Sat, 07 Jun 1997 08:45:03 EDT  
From: n5dc@juno.com (Granville "Jim" B. Lane II)  
To: boatanchors@theporch.com  
Subject: Building 432 mhz amp.  
Message-ID: <19970607.074411.16518.2.n5dc@juno.com>

I'm about to build the 432 mhz amp. using the February 1966 article on page 11. Does anyone know if W1QJW, the author is still around? I don't find him in the 1966 Callbook. Also, if anyone has built one, or has had any feedback on the amp., I would appreciate hearing from them. Tks de N5DC "Jim"

-----  
Date: Sat, 7 Jun 1997 07:57:02 -0500 (CDT)  
From: steven@ix.netcom.com (Steve M Fried)  
To: boatanchors@theporch.com  
Subject: Wheaton StCharles six meter club Hamfest  
Message-ID: <199706071257.HAA10299@dfw-ix8.ix.netcom.com>

To those in the midwest going this Sunday to the Wheaton St Charles Six meter Club Hamfest, could you please Email me and let me know you are going and your call letters.

Can we BA's all be on one two meter fm frequency so that we can share with each other what specific equipment we are looking for. More eyes help.

I'll be looking for Vibroplex, McElroy bugs, spark keys, old keys in general, Hammarlund SP and HQ120, 140 types. Viking Valiant 1, Viking Ranger 1, Collins 310B and that kinda stuff.

Please do E mail back today or tonight. I should be at the Hamfest by 7am or earlier.

73

Steve K2PTS  
Schaumburg, IL

-----

Date: Sat, 7 Jun 1997 13:41:33 +0000  
From: "John H. Dilks III" <oldradio@worldnet.att.net>  
To: boatanchors@theporch.com  
Cc: Claudio <cfurlan@ux1.unipd.it>  
Subject: Info request-Transmitter by KLETT MFG. CO.  
Message-ID: <19970607134131.AAA749@LOCALNAME>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Can someone on BoatAnchors help Claudio on this?

Re: Info request-Transmitter by KLETT MFG. CO.

>>===> Please Reply to: Claudio <cfurlan@ux1.unipd.it> <===<<

```
>----- Begin forwarded message -----
```

>From: Claudio <cfurlan@ux1.unipd.it>

```
>Hello, I am Claudio Furlan, I am ham radio and bcl and also member of
>A.I.R. (Associazione Italiana Radioascolto).
>I am writing to you because, if possible, I need some informations.
>I work in the university of Padua, in a garret of a departement we found
>a radio transmitter that was used for medium waves transmission between
>1945 and 1950 for a pirate radio, in the beginnig, of our university and
>later for the same pourpose by EIAR (actually is RAI the national
>broadcast).This station was called "the voice of the university", our
>idea is to put in function this radio and later put in a museum, but we
>need the electrical schemes(instead use try and error system).
>The transmitter was produced by KLETT MFG. CO. his serial number is 114.
>Do you know where can be possible gather some information about?
>My compliments for the nice www pages.
>Thanks a lot.
>Ciao Claudio.
```

>----- End forwarded message -----

Thanks & 73', from John Dilks, K2TON

-----

>> New 5-24-97 on <http://www.eht.com/oldradio> <<

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

1). Al Klase, N3FRQ's complete B-17 Radio Command Set, set-up.

| 2). A "Chopper" used in 1920's Ham Transmitters for I.C.W.

| 3). The B-i-g Radio Auction Results with 6 or 7 photos.

| If you have an old (ver.1 type) Browser try...

| http://www.cyberhost5.com/eh/oldradio

| There's always something new about old radio on our Web Page. |  
| We update it every week! |  
'-----'

-----  
Date: Sat, 07 Jun 1997 09:49:07 -0400  
From: Bill Meara <wmeara@erols.com>  
To: boatanchors@theporch.com  
Subject: New Anchorologist en route  
Message-ID: <199706071351.JAA18318@smtp1.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Anchorologists:

Just finished a FB QSO on 20 SSB with Jim, W0NKL of Prescott, Kansas. A magazine article on the resurgence of interest in the old gear motivated Jim to get back into the hobby. He's been buying up BA gear with reckless abandon. When he told me that he has four SP-600's, I knew he was one of us!

Jim also described an estate situation that he recently became involved in. Seems the SK had his station in a 12 x 12 foot shack out in the backyard. It had been left essentially untouched since the 1940's. QSL's from the thirties still on the wall. Logbook open, showing last contacts in the early forties. Main transmitter was a homebrew kilowatt job weighing in excess of 1000 pounds with 10 (count 'em 10!) meters on the panel to monitor transmitter performance! Top dollar microphones!

Jim is in the process of getting his computer on the net. He'll be joining us soon.

73 de N2CQR  
Bill Meara  
QTH: Falls Church, Virginia, USA  
Formerly of Tegucigalpa, Bilbao and Santo Domingo  
wmeara@erols.com  
<http://www.mindspring.com/~johnmb/billm.htm>

-----  
Date: Sat, 7 Jun 1997 09:40:19 -0500 (EST)



From: "Roberta J. Barmore" <rbarmore@indy.net>  
To: BA <boatanchors@sco.ThePorch.com>  
Subject: The Humble Jack and Plug  
Message-ID: <Pine.SUN.3.96.970607083846.23191B-100000@indy2>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi!

Awhile back, I wrote a note to another listmember, addressing phone jacks in an older ('20s) set. The usual discursions took over, and with slight expansion, I think it might be of mild interest to the group:

The very oldest sort of plug and jack type setup I'm aware of is the telegraph "pegboard:" small tapered round brass pins are used with a panel that has a number of brass strips, set close together on a Bakelite panel and with holes drilled in the gaps and into the strips at the edges, such that the "pegs" connect togther a set of brass strips when wedged into the hole. It's a pretty good system, though it only hooks up one side of the line per peg, has practical limits in the number of easy-to-make connections, and doesn't allow "normalling through," i.e., having some default connection for the system with no pegs in.

This system was also used in early radio--among other uses, Marconi Co. had a selectable-value 'phone condenser (sort of an early external AF filter!) in which pegs hooked in however much capacity one desired.

After that--and not terribly long after--came the "wedge plug," as far as Im aware used only to connect an external key to the one WU (or whoever) had bolted to the desk. Simple thing, a strip of phenolic with a strip of spring brass each side, each pice of brass bent in a shallow chevron shape (center farthest away from the insulator) and one familiar touch: the end where the cord hooked on had a ~1/2" OD Bakelite tube slipped over, providing a "handle" like a modern 1/4" phone plug.

We'll leave WU for awhile, and look at telephony. Early on, Bell used any number of rude expedients before evolving the familiar long-frame 1/4" plug and jack. This was *\*quite\** an advance! By sneaking in some extra strips of metal with contact points, one could have "normals:" contacts that were connected only when the plug was not inserted. Or contacts that connected only when the plug was in. Or both! Early Bell jacks were just mono (2-circuit) types, requiring insulation of the frame of the jack (it makes contact with the sleeve of the plug). This was awkward; by mounting *\*two\** plugs side-by-side in one Bakelite holder, and mounting the jacks in pairs, so spaced to prevent plugging into half of two different phone lines, that problem was solved--of course, it meant the jack panel had to be twice as large! They eventually fixed that, too, as we'll see below.

Radio, meanwhile, was struggling along. Most early sets used binding posts or similar means for external connections, which worked fine since everything was left hooked up most of the time. By the time radiotelephony came along, we'd got as far as "tip jacks," for connecting to the individual plugs (descended from the ol' pegboard plug, but unlike it, tip plugs had a wire connected to them. Originally, this was done to keep the binding post or Fhanstock clip from chewing up the bare wire). Of course Bell/AT&T was in the thick of things, so their jacks, jack panels, and plugs were used in professional installations.

As tube receivers became more common in the home, so did getting "bit" by the B battery if you happened to hook up the battery \*before\* plugging in the cans. (Hmpf, the old crystal set never did that!) Slowly but surely, long-frame 1/4" jacks began appearing on home receivers.

The classic set-up had a detector and two stages of AF, and three jacks on the front of the receiver. Those three jacks cannot be used at the same time--they've got "normals" that disconnect the sigs to the next stage when the cans are plugged in. It's a sort of rough volume control--if the station's not loud enough right off the detector, plug into the first audio, etc. This was very common in early battery sets, and one of the reasons for the huge pile-up of NC contacts on the old long-frame 1/4" jacks one finds at hamfests. (Sometimes an extra set of contacts with a bit of phenolic mechanically linking them to the main contact were used to turn on the filaments when you plugged in the 'phones--another reason for extra contacts).

Because of the use of "normals," you may find the jacks appear to be three-circuit types, but with the ring contact wired to the frame (sleeve contact), or the frame may even be floating. Takes a normal two-circuit (mono) plug nevertheless.

The next step in Advancing Technology was to use a switch to select stages of AF amplification in and out--and the OTs simply put a cam on a 1/4" shaft and installed it in a 'phone jack! Thus we got "jackswitches." Still used in a patch panel/switchboard mountable style, btw--in that use, they fit in place of a jack rather neatly. Of course, this one's another gift from AT&T.

Along in the late '20s/early 30s, the old long-frame jack design was bent to put the springy bits parallel to the front panel. It took less space and was cheaper to make. It's not as \*rugged\* as a good long-frme jack, but then again, most of us do not give the jacks as much use as does the phone company! Jackswitches made the same way followed soon after.

The newer style, with a U-bend in the contact springs, came along in the mid-late 30s. It's even cheaper to make, and shows it.

Meanwhile, Western Union came up with an even more confusing variation on the familiar 1/4" jack and plug, the "cordless plug:" they used a shorted plug (or a solid-brass thing shaped like a plug) to patch sounders into lines, using the tip-to-sleeve contact for one side and an insulated

set of normals for the other. You can think of it as a "pegboard with normals," and to a telegraph engineer, it made good intuitive sense.

(This would be a good system for cross-patching various keys to different transmitters, too--if you use a patch panel [rings and keys both wired to jacks] and cord, you end up with a \*plug\* that's hot unless you always remember to plug in the key side first. Ow!)

...Another fun plug-n-jack trivia item is the odd shape of Bell/WEC's three-circuit switchboard plugs (tip, ring and sleeve, same as a modern stereo plug), carefully designed so the tip and sleeve aren't shorted together as the plug is shoved home--Ma Bell had the phone line across tip and ring, you see, and it made a really awful click if they did get shorted for a sec.

(Phone techs \*still\* call the red wire "ring" and the green wire "tip;" they don't mean the ringing signal is on red, it's the old switchboard wiring's lingering ghost!)

And \*why\* did they go to a three-contact plug and jack? The old "double tip" style took too much space--for maximum efficiency, the more circuits the gals at Central could reach from their swivel-chairs, the better. Double-tip patch panels hung on in broadcast use for years (we could get 'em cheap), but eventually tip/ring/sleeve panels were adopted.

Last but not least, a tip: many folks seem to have forgotten what the divots under the screws in a "fat" mono plug are for: they allow the screws to clamp phone tips in place, for a nicely nondestructive way to use tip-plug cans with a set that's got 1/4" phone jacks. An old, old design and very useful--though in my old age and great laziness, I keep two pairs of cheap Trimm cans at work, one with tips and the other with a fat mono plug. It saves time. ;)

73,  
--Bobbi

KB9GKX "RJ" rbarmore@indy.net Roberta J. (Bobbi) Barmore  
FISTS #3388 \* ARRL \* RSGB \* WIA(Q)  
Appreciator Of Vacuum-Tube Ham Gear and Vintage Keys  
Chief Operator/Senior Tech - RF Plant, WTHR-TV & WALV-LP

-----  
Date: Sat, 7 Jun 1997 08:17:15 -0700 (PDT)  
From: Ken Gordon <keng@uidaho.edu>  
To: Wally Gibbons <wally@mindy.sys.sdl.usu.edu>  
Cc: boatanchors@sco.theporch.com  
Subject: Re: 2B6 and 3RP1A's wanted  
Message-ID: <Pine.BSF.3.95.970607081308.24238B-100000@piobaire.mines.uidaho.edu>

MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Also looking for a crt for a repair job on a old scope,, a 3RP1A.  
>  
> Any tips appreciated.  
>

I have 3 ea 3BP1's and 1 ea 3RP7 which I would ship to anyone needing one.

Are you sure you need a 3RP1A ?

I also have a 902A (which I think I will keep for a while).

Sigh...so many projects...so little time....

Ken W7EKB

-----  
Date: Sat, 07 Jun 1997 10:01:05 -0700  
From: Dennis Gehrke <leeid@ix.netcom.com>  
To: boatanchors@sco.theporch.com  
Subject: WTB:Johnson Invader 2000  
Message-ID: <339993D1.67F4@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Looking for a nice Johnson Invader 2000; also a Valiant II. Advise as to condition and price.

73

Dennis, KC7VXD

1-800-891-1990, anytime  
leeid@ix.netcom.com

-----  
Date: Sat, 7 Jun 97 11:27:18 -0000  
From: "Joseph W. Pinner" <kc5ij@net-connect.net>  
To: "Boatanchor 1" <boatanchors@theporch.com>,  
"BA Swap List" <baswaplist@foothill.net>

Subject: FS: TM 11-487H-1/T.O. 33A1-1-13  
Message-ID: <199706071519.KAA18373@dns1.net-connect.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

Have an original TM 11-487H-1/T.O. 33A1-1-13, Electronic Test Equipment Directory 1957.

Has 1500 + pages.

\$ 95 plus shipping.

73

Joseph W Pinner  
Lafayette, LA  
KC5IJD  
EMail: kc5ijd@net-connect.net

-----  
Date: Sat, 7 Jun 97 11:15:01 CDT  
From: listown@jackatak.theporch.com (Mail List Owner)  
To: boatanchors@sco.theporch.com  
Subject: ADMINISTRIVIA: Using The Archives  
Message-ID: <9706071115.aa26216@jackatak.theporch.com>

Gang-

This periodic post is designed to help everyone gain more value from their boatanchors subscription.

SAVE THIS FILE FOR FUTURE REFERENCE!!!!!!

Often I receive an email request, or I read on the list, of someone who is aware there is an archive available with some special files with special information that is of a more permanent nature than a post to the list, but who is unaware of how to retrieve these gems.

In the archives, there are cross-reference tables for Tubes, Military Equipment Nomenclature, suggestions for restorations and modifications to our beloved fire bottle rigs, and some wonderful stories of real adventures and the people involved.

These files may be accessed by email... quickly and easily.

Step One:

send an email (leave the subject blank, or, if your mailer requires a subject, type a single character, like "a" in the subject box) to:

listproc@sco.theporch.com

Step Two:

in the body type:

index boatanchors

Step Three:

after checking out the index for files of interest, and finding the one or more you want to have sent to you, send another email to:

listproc@sco.theporch.com

and, in the body, type:

get boatanchors file.name

where you substitute the name of the file from the index for "file.name"

This should get you off to a good start. If you encounter any problems, please let me know at the address below.

--

73

Jack, W4KH/Mobile (75M SSB 2-letter WAS #1657/#1789 -- both all mobile! ;^)

- - - BoatAnchor Mailing List Archiver/Owner - - -

listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

-----

Date: Sat, 07 Jun 1997 14:52:32 -0400

From: Surplus Al <surplsal@tl.infi.net>

To: boatanchors@sco.theporch.com

Subject: Hamfest

Message-ID: <3399ADF0.38D7@tl.infi.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I will be at the Hamfest at Winfield this is at the firehouse grounds off Route US 15 S. Surplus Al

-----

Date: Sat, 07 Jun 1997 15:16:29 -0700

From: Al Klase <skywaves@bw.webex.net>

To: Boatanchors <boatanchors@theporch.com>  
Subject: Racal RA-17 Triage  
Message-ID: <3399DDBD.43FB@webex.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Anchoristas,

A Racal RA-17 C8 followed me home from the Teaneck, NJ hamfest this AM.

Looks like it might be missing some stuff. Could someone with first hand knowlege of these sets help me sort things out a little bit before I go crazy looking for a manual.

73,

--

Al Klase - N3FRQ  
skywaves@bw.webex.net  
Flemington, NJ

-----  
Date: Sat, 7 Jun 1997 19:19:07 +0000  
From: Randy Cook <crcook@worldnet.att.net>  
To: boatanchors@sco.theporch.com  
Subject: FS: HQ100A  
Message-ID: <19970607191853.AAA4422@mailhost.worldnet.att.net>  
Mime-version: 1.0  
Content-type: text/plain; charset="us-ascii"

I have a nice Hammerlund HQ100A with working clock, matching speaker (\$100), and original manual that I am helping someone sell. I will handle the transaction. It is in very good condition. The front panel is clean, lettering all there. Tubes are close to new. I fired it up a couple of days ago, calibration is pretty good, and it sounds great. Asking \$160 + ups, prefer San Jose, CA area pickup, but will ship.

Thanks  
Randy

-----  
Date: Sat, 7 Jun 1997 20:19:49 +0000

From: Sandy W5TVW <ebjr@worldnet.att.net>  
To: skywaves@bw.webex.net, boatanchors@theporch.com  
Subject: Re: Racal RA-17 Triage  
Message-ID: <19970607201947.AAA27902@LOCALNAME>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 10:16 PM 6/7/97 +0000, you wrote:

>Anchoristas,  
>  
> A Racal RA-17 C8 followied me home from the Teaneck, NJ hamfest this  
>AM.  
>Looks like it might be missing some stuff. Could someone with first  
>hand knowlege  
>of these sets help me sort things out a little bit before I go crazy  
>looking for a manual.  
>  
>73,  
>  
>--  
>Al Klase - N3FRQ  
>skywaves@bw.webex.net  
>Flemington, NJ  
>  
>The RA17 is using a "Wadley-Loop" synthesizer to generate the "MHz." steps.  
I would strongly advise against piddling with the adjustments in the  
synthesizer section until you locate a manual on the set! They can be very  
tricky to get going right.  
I no longer have any info available on the set, unfortunately.

There was a portable set made in South Africa called the "Barlow-Wadley XCR-30"  
which was very advanced for it's time. It is sort of an abbbreviated,  
miniature,  
soled state, poor man's "RA-17".

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

\*\*Looking for: 860 tubes, WL-460 tubes\*\*

\*\*Butternut HF2V antenna, G-R test gear.....\*\*\*

-----  
Date: Sat, 07 Jun 1997 16:57:50 -0400

From: Allen Tucholski <allent@en.com>



To: Boatanchors@theporch.com  
Subject: FS Heathkit Shawnee 6 meter AM Tranceiver  
Message-ID: <2.2.32.19970607205750.008ec0dc@en.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hello

I have a very nice clean, all original Heathkit Shawnee HW-10 (6) meter transceiver for sale.  
This is AM and CW only! All new tubes, puts out a full 10 watts and has clean audio. (push pull plate modulated) The rig has a vfo or uses standard 8 mhz xtals. Has a great receiver too!  
Comes with the original manual, power cord, and a hand mic (not original) It comes with chrome plated knobs, and they look great (factory original) The front panel is very clean, no extra holes. The top cabinet has a few normal marks here and there.

\$125 plus shipping from Ohio  
(add about \$25 for shipping and packaging)

Allen

-----  
Date: Sat, 07 Jun 1997 17:09:34 -0400  
From: Allen Tucholski <allent@en.com>  
To: boatanchors@theporch.com  
Subject: Help! Tek 547 scope problem.  
Message-ID: <2.2.32.19970607210934.008fa864@en.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I have a Tek 547 scope that has a problem in the vertical amplifier. The problem is the 12AT7 tube that follows the plug in has a problem with the plates glowing red! I checked all the voltages and the grid bias seems low 30 volts apposed to 68 volts and one transistor was also bad after the 12AT7, I substituted a transistor, put in a new tube and still no luck.

Also the transistors have there own Tek numbers, how do you find a replacement in common parts?

Anyone out there real good with the 547? any help would be appreciated.

Allen

-----  
Date: Sat, 07 Jun 1997 17:37:33 EDT  
From: w8xq@juno.com (JEFF D WILDER)  
To: boatanchors@theporch.com  
Subject: Wanted: Collins ( 2 & 6 kc) filters for 75A4  
Message-ID: <19970607.173955.4343.1.W8XQ@juno.com>

Hello People  
Looking for Collins Filters ( 2 & 6 Kc ) for 75A4 .  
Also looking for 9 pin tube extender sockets . Please reply if you can  
help..Thankyou

73  
Jeff W8XQ  
  
w8xq@juno.com  
616 381-4133

-----  
Date: Sat, 7 Jun 1997 16:55:18 -0500  
From: Ronnie Hull <w5sum@ms1.nwla.com>  
To: boatanchors@theporch.com  
Subject: Hamcom  
Message-ID: <1.5.4.16.19970607155306.0bc7b466@ms1.nwla.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Howdy fellows

well, I was up and at 'em at 2:30 am, and arrived at HamCom at dawn  
Found Bob Peters and left a reciever, found Phil Mills and picked up  
a reciever, and spent the rest of the morning in pursuit of happiness!!

LOTS of BA gear at this one. Some priced good, some priced real bad,  
some in between!

I didn't write down prices but what I remember are these items.

a absolutely mint BC348 for \$125 (I almost bought it) it had been repainted  
and thouroughly cleaned inside, re capped, etc. Very pretty.

no command set stuff to speak of, a few items.

Lots of KWM2's, mostly for more than I would pay for one... for now anyway.

found a nice little 2-B with calibrator for \$100... came home with me. (all I wanted was the calibrator.)

saw a few RME Reciever's, one real clean for \$125

a HT32 and a couple of HT37's...

NO SX115's (sniffle)

a couple of real rough vikings I's and a nice ranger and valiant. The Ranger was \$250., about a 6 cosmetically, but probably worth that. The Valiant I saw was fairly clean, and for \$365!!! WHEW

saw 3 75A4's, one for \$850 with all filters and spinner, and one for 1,000 with one filter, the spinner, but the original speaker with the light.

the other one came home with me!!

couple of KWS1's, pricey but normal

I had a great time. Heck, I can't remember all the BA folks I met, but I can remember Phil Mills, Lenox Carruthers, Bob Peters, and a few more. I left before the 11am dinner, and came home to Louisiana...

oh... and I found that johnson Lo-Pass filter I've been looking for... but no Dow Key Bodies....

Ronnie

```
-----  
|  
| Ronnie Hull - W5SUM    X - WB5AIA  
| 3131 Meadow Parkway dr.  
| Shreveport, La 71108  
| 318-688-1389  318-687-3135 Fax  
|  
| Looking for a Johnson 500 ( go ahead and laugh!!)  
|  
-----
```

-----  
Date: Sun, 08 Jun 1997 09:06:41 +1000  
From: David Prince <davprin@gil.com.au>  
To: boatanchors@sco.theporch.com  
Subject: Re: R-1/ARR-1 vs ZB

Message-ID: <3399E980.63E4@gil.com.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

G'day Gang,

I have two of these units in the collection. One is a Model ZB-2 (CZR-69076) s/n 1477 with Contract No. NXs-2959 dated April 15, 1942. This one has the full frequency marked on the dial (e.g. 234 thru 258. It also has name plates for the ANT TRIM control and the rear coax sockets.

The other unit is, unfortunately, missing it's id plate but it does have the following information stamped on the side in orange paint

MODIFIED  
(Similar to \*R-1/ARR-1)

It also has the square orange (inspection?) stamp bearing the following:

SC  
4367  
A

This one has the abbreviated frequency on the dial (e.g. 34 thru 58). It does not have the name plates, only engraved and painted letters.

Both have the anchor with US stamped on the rear bottom corner in orange.

The only other visual difference that I can see is that the S0-54 connector on the rear panel of the known ZB-2 has part no. CZR-49053 whereas the one without the i.d. plate has part no. CW-49053. This possibly indicates that the two units were manufactured by different companies (as indicated by the CZR & CW) and that may also account for one having nameplates and the other not.

Incidently, the one without the i.d. plate was given to me by an elderly Ham who was in Australian Army Signals in New Guinea during WWII and he stated that he took the homing adaptor out of a crashed C-47 transport plane and brought it home as a memento. QUESTION? Why were C-47's (Dakotas) fitted with these units? Were homing beacons used to mark airstrips cut into the jungle or maybe ground troops had the beacons to give their position for 'biscuit bomber' drops of supplies?

Will we ever know?

--

Dave Prince VK4KDP  
davprin@gil.com.au

Brisbane Military Radio Collection

-----  
Date: Sat, 07 Jun 1997 18:28:09 -0500  
From: bdhall@ghg.net (Benjamin D. Hall)  
To: boatanchors@sco.theporch.com  
Subject: Alington TX HamCom report  
Message-ID: <3.0.32.19970607182749.006bebc4@mailman.ghgcorp.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Folks - the Arlington HamCom was pretty nice fest, lots of BA's some priced great, others priced so not great. I remember seeing a lot of Halli gear, truckloads of black and lots of grey Collins, couple-a R-390A's, BC-348-R that was pristine, and some other nice BA stuff. Gorgesous RME-45, but didn't have \$250. Like new.

I bought Eico 1030 Reticulated Power Supply, looks factory wired, schematic anyone?

Plus - after all BA folks finished easting lunch, we wandered around and found a treasure trove... But, since my brain about to explode from the 12 pack of Mountain Dew (most caffeine laden drink) it took me to get home safly (I am pooped) I'll let others tell about our yummy luck...

73,

Ben

P.S.: Replace you tires early. Hydroplaning is fun not! Blah!

---

Benjamin D. Hall, junque collector extraordinaire, Located in Houston, Texas.  
e-mail: BDHall@ghg.net web: <http://www.ghgcorp.com/bdhall>

-----  
Date: Sat, 07 Jun 1997 17:31:38 -0500  
From: Mike Sanders <k0az@i1.net>  
To: boatanchors@theporch.com  
Subject: Simpson 260 series  
Message-ID: <3.0.16.19970607173054.2d5740ac@i1.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Greetings All, I am going to try to make a chart below to give you all a look

at the model differances of this workhorse.

Model	260	260-2	260-3	260-4	260-5	260-5P	260-6
260-6P							
Fuse			Yes	Yes	Yes	Yes	Yes
Yes							
Overload Relay						Yes	
Yes							
Movement Protection					Yes	Yes	Yes
Yes							
Selfshield Annular							
Movement				Yes	Yes	Yes	Yes
Yes							
Spring loaded Jewels			Yes	Yes	Yes	Yes	Yes
Yes							
Taut band					Note4	Note4	Yes
Yes							
Polarity Switch			Yes	Yes	Yes	Yes	Yes
Yes							
A.F. Output	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Yes							
DC current ranges	100ua	100ua	50ua	50ua	50ua	50ua	50ua
50ua							
	10ma	10ma	1ma	1ma	1ma	1ma	1ma
1ma							
	100ma	100ma	10ma	10ma	10ma	10ma	10ma
10ma							
	500ma	500ma	100ma	100ma	100ma	100ma	100ma
100ma							
		10A	10A	10A	10A	10A	10A
10A							
DC current Accy							
(% of FS)	3	3	3	2	2	2	2
2							
Note				2	2	2	2
2							
DC Voltage ranges			250mv	250mv	250mv	250mv	250mv
250mv							
							1V
1V							
	2.5	2.5	2.5	2.5	2.5	2.5	2.5
2.5							
	10	10	10	10	10	10	10
10							
	50	50	50	50	50	50	50

50							
	250	250	250	250	250	250	250
500							
	1000	1000	1000	1000	1000	1000	1000
1000							
	5000	5000	5000	5000	5000	5000	5000
DC Voltage Accy %	3	3	3	2	2	2	2
2							
of FS. All units							
20kohm/V							
Note					1	1	1
AC Voltage ranges	2.5	2.5	2.5	2.5	2.5	2.5	2.5
2.5							
	10	10	10	10	10	10	10
10							
	50	50	50	50	50	50	50
50							
	250	250	250	250	250	250	250
250							
	1000	1000	1000	1000	1000	1000	500
500							
	5000	5000	5000	5000	5000	5000	1000
1000							
AC Voltage Accy							
% of FS	5	5	3	3	3	3	3
3							
Sensitivity	1k/V	1k/V	5k/V	5k/V	5k/V	5k/V	5k/V
5k/V							
Note			3	3	3	3	
Resistance ranges	Rx1	Rx1	Rx1	Rx1	Rx1	Rx1	Rx1
Rx1							
	Rx100	Rx100	Rx100	Rx100	Rx100	Rx100	Rx100
Rx100							
	Rx10k	Rx10k	Rx10k	Rx10k	Rx10k	Rx10k	Rx10k
Rx10k							
Resistance Accy							
degree of arc R1				2.5	2.5	2.5	2.5
2.5				3	2	2	2
2	Rx100						
2				2	2	2	2
2	Rx10k						

Notes 1-Accuracy on 5,000V Range is <>3% of full scale

- 2-Accuracy on 50ua Range is <> 1.5% of full scale
- 3-Accuracy on 5,000V range is <> 4% of full scale
- 4-May be either Pivot & Jewel or Taut Band

If the columns and rows come out jumbled open up open your window by dragging the right side to the right. Hope that helps. Hope this answers everything you ever wanted to know about the 260 models.

73, Mike K0AZ

K0AZ formerly KS0F, N0ARH, K4KJG, K0TPW.

Mike Sanders 3409 Henry Dr. Imperial, MO 63052 314-282-0787

6 Meters VUCC #605 497 grids confirmed 47 countries 49 states 4 continents  
E skip only

2 Meters VUCC #447 188 grids confirmed 3 countries 44 states 1 continents  
Terrestrial only

Satellite VUCC #39 (mode A only)

Above stats since Feb 95

6 Meter power 170 watts. Max antenna height 57 feet. Max boom length 20 feet.

2 Meter power 170 watts. Max antenna height 62 feet. Max boom length 15 feet.

-----  
End of BOATANCHORS Digest 1482

\*\*\*\*\*